



Problem of the Week

Problem B

How Do You Like Them Apples?

The Big Apple is a tourist attraction and bakery located near Colborne, Ontario. Here are some fun facts about their apple pies:

- Two thousand pies (on average) are sold each week.
 - Each pie uses seven apples on average, weighing about 1 kg in total.
 - Pie costs vary, but assume they always cost \$20 each.
- (a) How many apples (on average) are used each week to make pies? How many apples are used each year? Assume there are 52 weeks per year.
- (b) How many pies are made in one year at the Big Apple, assuming they are open every day of the year?
- (c) The Big Apple opened in 1987. What will be the value of the pies sold between June 1, 1987 and May 31, 2027? Did you have to make any assumptions?

